

Serial No. 10/506,711

PF020012

Listing and Amendments to the Claims

Please **rewrite** claim 1. Please **cancel** claim 6. Please **add** claims 7-8.

1. (Currently Amended) Electron beam deflection system for a cathode-ray tube comprising a pair of horizontal deflection coils and a pair of vertical deflection coils, these two pairs being electrically insulated from each other by a separator, and at least one pair of auxiliary coils made on a flexible sheet placed around the neck of the tube, the auxiliary coils being intended to modify the magnetic field created by at least one of the two pairs of deflection coils, the said flexible sheet being ~~placed on~~ wound around a cylindrical rigid plastic support, wherein the part of the said plastic support on which the pair of auxiliary coils is placed comprises regions with a low relative permittivity.

2. (Cancelled)

3. (Previously Presented) Electron beam deflection system according to claim 1, wherein the support for the auxiliary coils is independent of the separator.

4. (Previously Presented) Electron beam deflection system according to claim 1, wherein the support for the auxiliary coils is made of plastic.

5. (Previously Presented) Electron beam deflection system according to claim 4, wherein the regions with a low relative permittivity are produced by decreasing the thickness of the support.

6. (Cancelled)

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7. (New) Electron beam deflection system according to claim 1, wherein the regions of low relative permittivity are produced by creating windows.

8. (New) Cathode-ray tube whose electron beam deflection system complies with claim 1.